Slope Equalizer for SAT and Terrestrial
LE 2200

To compensate the slope of distribution networks.

Model Art. No.	LE 2200 871318
EAN	4040326713181
Frequency range	5 ... 2200 MHz
Through loss max.	1,5 dB
Loss 47 MHz 862 MHz 2200 MHz	12 dB 10 dB 2 dB
Slope control (fixed value)	-10 dB
DC-pass	max. 1 A
Ambient temperature	-20 ... +50 °C
Dimensions (mm)	35 x 74 x 21

Terrestrial Slope Equalizer
LE 862 F

To compensate the slope of distribution networks.
F jack / F connector for direct connection.

Model Art. No.	LE 862 F 871311
EAN	4040326713112
Frequency range	47 ... 862 MHz
Through loss	1 dB
Slope control / variation range	-1 ... -18 dB
Ambient temperature	-20 ... +50 °C
Dimensions (mm)	77 x 49 x 30

For DC compatibility use **DCF 500 (Art.No. 871506)**.

Tech Hint

Slope equalizer will be used in distribution networks where long cable runs cause a higher through loss in the upper frequency range.

Slope equalizer compensate this higher through loss by having a higher loss in the lower frequency range compared to the upper frequency range.

SPAUN offers different slope equalizer as adjustable and non-adjustable models for the terrestrial- and the SAT range, to give an installer the possibility, to customize every installation individually corresponding to the distribution network.

Tap

AZR 171170/10 F, AZR 171170/15 F, AZR 172170/10 F, AZR 172170/15 F, AZR 131130/10 F
AZR 9990/10 F, AZR 9990/15 F, AZR 99290/10 F, AZR 99290/15 F

- To install large digital distribution networks with multiple supply lines, these devices reduce the installation cost significantly
- For each tap series, there are two different models with different tap loss
- The terrestrial line is return path compatible. The trunk line DC path is linked to the tap outlet

Model Art. No.		AZR 171170/10 F 841134	AZR 171170/15 F 841135	AZR 172170/10 F 841136	AZR 172170/15 F 841137
EAN		4040326411346	4040326411353	4040326411360	4040326411377
Inputs SAT / Terrestrial		16/1			
Outputs SAT / Terrestrial		16/1 + 16/1		16/1 + 16/1 + 16/1	
Frequency range		5 ... 862 MHz and 950 ... 2200 MHz			
Tap loss tap 1	Terr. SAT	11 dB 13 ... 10 dB	15 dB 18 ... 15 dB	10 dB 14 ... 10 dB	15 dB 18 ... 15 dB
Tap loss tap 2	Terr. SAT	-	-	10 dB 14 ... 10 dB	15 dB 18 ... 15 dB
Through loss trunk	Terr. SAT	3,5 dB 1,5 dB	2,5 dB 1,5 dB	4 dB 3 dB	3,5 dB 3 dB
Isolation	Trunkline/trunkline	26 dB			
	Trunkline/tap	26 dB			
	Tap/tap	26 dB			
DC-pass max.		30 V / 1 A			
Ambient temperature		-20 ... +50 °C			
Dimensions (mm)		426 x 132 x 46			

Model Art. No.		AZR 131130/10 F 850020	AZR 9990/10 F 841131	AZR 99290/10 F 841153	AZR 99290/15 F 841154
EAN		4040326500200	4040326411315	4040326411537	4040326411544
Inputs SAT / terrestrial		12/1	8/1		
Outputs SAT / terrestrial		12/1 + 12/1	8/1 + 8/1	8/1 + 8/1 + 8/1	
Frequency range		5 ... 862 MHz and 950 ... 2200 MHz	5 ... 862 MHz und 950 ... 2200 MHz		
Tap loss tap 1	Terr. SAT	10 dB 11 dB	11 dB 14 ... 10 dB	10 dB 13 ... 10 dB	15 dB 18 ... 15 dB
Tap loss tap 2	Terr. SAT	-	-	10 dB 13 ... 10 dB	15 dB 18 ... 15 dB
Through loss trunk	Terr. SAT	2,5 dB 1,5 dB	< 3,5 dB < 1 ... 2,5 dB	6 dB 2 ... 4 dB	6 dB 2 ... 4 dB
Isolation	Trunkline/trunkline	26 dB	26 dB		
	Trunkline/tap	26 dB	26 dB		
	Tap/tap	26 dB	26 dB		
DC-pass max.		30 V / 1 A	30 V / 1 A		
Ambient temperature		-20 ... +50 °C	-20 ... +50 °C		
Dimensions (mm)		345 x 132 x 48	264 x 211 x 39		